

### **ABSTRACT OF THE DISCLOSURE**

The present invention relates to a cache flush system and the method for a cache flush performed in cache memory against at least one corresponding prescribed event in a multi-processor system. Embodiments of the present invention can reduce or minimize loads of a processor bus by performing memory read of at most a prescribed size and can increase simultaneousness of cache flush against a corresponding prescribed event by performing a cache flush directly triggered by the prescribed event thereby enabling high speed and automated cache flush algorithm.